

Form PTO 1449 (Rev. 2-32)		U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. SUN-P6990		Serial No. 10/040,270		
Information Disclosure Statement by Applicant				Applicant: Judith E. Schwabe				
(Use several sheets if necessary)				Filed: October 29, 2001		Group: 2131		
U.S. Patent Documents								
Init.		Document No.	Date	Name	Class	Subclass	Filing Date	
rw		2002/0040936	4/11/02	Wentker et al.				
		6,557,032	4/29/903	Jones et al.				
		5,706,427	1/6/98	Tabuki				
		5,774,670	6/30/98	Montulli				
		5,841,970	11/24/98	Tabuki				
		5,930,804	7/27/99	Yu et al.				
		6,041,357	3/21/00	Kunzelman et al.				
		6,092,196	7/18/00	Reiche				
		6,275,941	8/14/01	Saito et al.				
		6,510,236	1/21/03	Crane et al.				
Foreign Documents								
Init.		Document No.	Date	Country	Class	Subclass	Translation	
rw		WO 97/08868	3/6/97	WO			Yes	No
Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)								
		Thomas Y.C. Woo et al. "Authentication for Distributed Systems, IEEE, January 1992, pp. 39-52.						
Examiner								
Date Considered					1/27/02			
Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.								

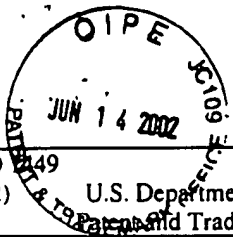
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				Filed: 10/29/01 Group: <u>2131</u>				
U.S. Patent Documents								
Init.		Document No.	Date	Name	Class	Subclass	Filing Date	
<u>rw</u>	A	6,373,950	04/16/02	Rowney	380	255	06/17/96	
Foreign Documents								
Init.		Document No.	Date	Country	Class	Subclass	Translation Yes No	
<u>rw</u>	B	98/37526	19.02.98	WO	G07F 7/10	<u>1</u>		
Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)								
<u>rw</u>	C	Chan, "Infrastructure of Multi-Application Smart Card", http://home.hkstar.com/~alanchan/papers/multiApplicationsSmartCard/ , July 25, 2002						
	D	Chen, Zhiqun, "Java Card™ Technology for Smart Cards", <i>Sun Microsystems</i> , pages 11- 16, June, 2000						
	E	Cordonnier, et al., "The concept of suspicion: a new security model for identification management in smart cards", http://inforge.unil.ch/isdss97/papers/48.htm , (1997)						
	F	de Kerf, B. et al., "N-Count Fast, Low-Cost Secure Payments using Smart Cards", QC Technology, Version 1.1, February 1997, 8 pages.						
	G	"Sun Delivers On Vision to Bring JAVA Technology to the Consumer and Embedded Market", Business Wire, September 28, 1999						
	H	"Sun Microsystems Announces JAVACARD API", Business Wire, October 1996						
	I	Sun Microsystems: "Sun's JAVA Technology Leads Open Worldwide Market for Smart Cards", M2, Presswire, May 1999						
	J	Sun Microsystems, Inc., Java™ Servlet Specification Version 2.3, September 2001, 256 pages.						
	K	Sun Microsystems, Inc., "Mobile Information Device Profile (JSR-37), December 15, 2000, 284 pages.						
Examiner <u>[Signature]</u>					Date Considered <u>11/26/02</u>			
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Information Disclosure Statement by Applicant				Applicant: de Jong et al.				
(Use several sheets if necessary)				Filed: 10/29/01 Group: 2151 <u>234</u>				
U.S. Patent Documents								
Init.		Document No.	Date	Name	Class	Subclass	Filing Date	
<u>nm</u>	A	6,212,633	04/03/01	Levy et al.	713	153	06/26/98	
Foreign Documents								
							Translation	
Init.		Document No.	Date	Country	Class	Subclass	Yes	No
Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)								
<u>nm</u>	B	Deianov, Borislav, "Authentication - Lamport Hash and Biometrics", printed on 1/9/02 from http://www.cs.cornell.edu/html/cs513-sp99/NL12.html .						
<u>P</u>	C	"Sun Leads Authentication Alliance", September 27, 2001, printed from http://www.informationweek.com/story/TWK20010927S0001 .						
Examiner <u>07-4</u>					Date Considered <u>1/26/06</u>			
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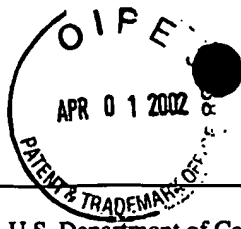
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Information Disclosure Statement by Applicant				Applicant: de Jong et al.				
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U.S. Patent Documents								
Init.		Document No.	Date	Name	Class	Subclass	Filing Date	
<i>nv</i>	A	5,721,781	02/24/98	Deo et al.	380	25	09/13/95	
	B	5,742,756	04/21/98	Dillaway et al.	395	186	02/12/96	
	C	5,802,519	09/01/98	De Jong	707	100	02/08/95	
	D	5,844,218	12/01/98	Kawan et al.	235	380	07/16/96	
	E	5,930,363	07/27/99	Stanford et al.	380	24	03/17/95	
	F	6,052,690	04/18/00	De Jong	707	101	08/27/98	
	G	6,094,656	07/25/00	De Jong	707	100	08/02/96	
Foreign Documents								
Init.		Document No.	Date	Country	Class	Subclass	Translation	
							Yes.	No
<i>nv</i>	H	0 748 135	11/12/96	Europe	H04Q 7	22	X	
	I	94/30023	12/22/94	PCT	H04Q 7	04	X	
	J	97/45817	12/04/97	PCT	G07F 7	10	X	
	K	98/19237	05/07/98	PCT	G06F 9	46	X	
	L	00/00890	01/06/00	PCT	G06F 11	00	X	
	M	01/06391	01/25/01	PCT	G06F 17	00	X	
Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)								
<i>nv</i>	N	1998 Advanced Card Technology Sourcebook, Copyright 1997; Faulkner & Gray, "Sun Rises Over Smart Cards", pp. 150-154.						
	O	Anderson et al., "A New Family of Authentication Protocols", Cambridge University Computer Laboratory, England, pp. 1-13.						
	P	Berlind, David, "Who Do You Trust?", October 16, 2001, printed from http://www.zdnet.com/filters/printerfriendly/0.6061.2818131-92.00.html on 1/9/02.						
	Q	Dreifus, H., "Smart Cards: A guide to Building and Managing Smart Card Applications; Copyright 1998; Publisher Robert Ipsen; "Smart Card Development Skills, Methods, and Tools"; pp. 159-225.						
	R	Evers, Joris, "Update: Sun, others form MS Passport alternative", Sun Microsystems, Inc., September 26, 2001, printed from http://www.computerworld.com/cwi/Printer_Friendly_Version/0.1212,NAV47_STO64233-.00... on 1/8/02.						
	S	Fisher, Dennis, "Sun unveils open alternative to Passport", September 26, 2001, printed from http://zdnet.com/filters/printerfriendly/0.6061.2814885-54.00.html on 1/9/02.						
	T	Garvey et al., "Sun Leads Authentication Alliance", September 27, 2001, printed from http://www.informationweek.com/story/IWK20010927S0001 on 1/9/02.						
	U	Goldreich, Oded, "The Foundations of Modern Cryptography", May 2, 1998, Department of Computer Science and Applied Mathematics, Weizmann Institute of Science, Rehovot, Israel, Version Nr. 3.1, pp. 0-41.						
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<input checked="" type="checkbox"/>	V	Gong et al., "Going Beyond the Sandbox: An Overview of the New Security Architecture in the Java TM Development Kit 1.2", USENIX Symposium on Internet Technologies and Systems-December 8-11, 1997, pp. 103-112.		
<input checked="" type="checkbox"/>	W	Haller, et al. "Description of the S/KEY One-Time Password System", printed on 1/9/02 from http://math.lanl.gov/~aric/Skey/skey.txt , 5 pages.		
<input checked="" type="checkbox"/>	X	Hawblitzel, et al., "Implementing Multiple Protection Domains in Java", Technical Report 97-1660, Department of Computer Science, Cornell University.		
<input checked="" type="checkbox"/>	Y	Heiss, J. et al., "Java Card™ Technology Grows Up Smart", printed on 4/22/00 at http://java.sun.com/features/1999/01/javacard.html , 5 pages.		
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<input checked="" type="checkbox"/>	AA	"Kerberos: The Network Authentication Protocol", printed from http://web.mit.edu/kerberos/www/ on 1/9/02.		
<input checked="" type="checkbox"/>	AB	"Liberty Alliance Project- The Liberty Alliance Project", printed from http://www.projectliberty.org/ on 1/8/02.		
<input checked="" type="checkbox"/>	AC	"Liberty Alliance Project-Industry Leaders to Form Network Identity and Liberty Alliance Project", printed from http://www.projectliberty.org/release.html on 1/8/02.		
<input checked="" type="checkbox"/>	AD	"Liberty Alliance Project-FAQ", printed from http://projectliberty.org/faq.html on 1/8/02.		
<input checked="" type="checkbox"/>	AE	Lindholm, et al., "The JAVA™ Virtual Machine Specification", September 20, 1996.		
<input checked="" type="checkbox"/>	AF	Naor, et al., "Universal One-Way Hash Functions and their Cryptographic Applications", March 13, 1995, pp. 1-14.		
<input checked="" type="checkbox"/>	AG	Schneider, Professor Fred B., "Authentication-Lamport hash and biometrics", March 4, 1999, CS 513 - System Security, Lecture 12, printed from http://www.cs.cornell.edu/html/cs513-sp99/NL12.html on 1/9/02.		
<input checked="" type="checkbox"/>	AH	Sun Microsystems, Inc., "Java Card™ Runtime TM Environment (JRCE) 2.1 Specification, Draft 2", 12/14/98, US XP002138793 cited in the application page 6-2 page 6-10.		
<input checked="" type="checkbox"/>	AI	Sun Microsystems, Inc., "How to write a Java Card applet: A developer's guide", printed on 4/22/00 from http://www.javaworld.com/javaworld/jw-07-1999/f_jw-070javacard_p.html , 15 pages.		
<input checked="" type="checkbox"/>	AJ	Sun Microsystems, Inc. "Smart Cards: A primer", printed on 4/22/00 from http://www.javaworld.com/javaworld/jw-12-1997/f_jw-12-javadev_p.html , 13 pages.		
<input checked="" type="checkbox"/>	AK	Sun Microsystems, Inc., "Sun's Java Card™ Technology Extends its Industry Leadership", printed 4.22.00 from http://java.sun.com/pr/1999/11/pr991116-01.html 1, 5 pages.		
<input checked="" type="checkbox"/>	AL	Sun Microsystems, Inc., "Understanding Java Card 2.0", printed on 4/22/00 from http://www.javaworld.com/javaworld/jw-03-1998/f_jw-03-javadev_p.html , 12 pages.		
<input checked="" type="checkbox"/>	AM	Sun Microsystems, Inc., "Java Card™ Applet Developer's Guide", August 19, 1998, Revision 1.12.		
<input checked="" type="checkbox"/>	AN	Sun Microsystems, Inc., "Java Card™ 2.0 Application Programming Interfaces", October 13, 1997, Revision 1.0 Final.		
<input checked="" type="checkbox"/>	AO	Sun Microsystems, Inc., "Java Card™ 2.0 Language Subset and Virtual Machine Specification", October 13, 1997, Revision 1.0 Final.		
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Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)				
sw	AP	Sun Microsystems, Inc., "Java Card™ 2.0 Programming Concepts", October 15, 1997, Revision 1.0 Final.		
	AQ	Sun Microsystems, Inc., "Java Card™ 2.1 Application Programming Interface", June 7, 1999, Final Revision 1.1.		
	AR	Sun Microsystems, Inc., "Java Card™ 2.1 Runtime Environment (JRCE) Specification", June 7, 1999, Final Revision 1.1.		
	AS	Sun Microsystems, Inc., "Java Card™ 2.1 Virtual Machine Specification", June 7, 1999, Final Revision 1.1.		
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	AU	Sun Microsystems, Inc., "The K Virtual Machine (KVM)", White Paper, 6/8/99.		
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